



In Place of FORM PTO-1449 (Modified)

**LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANTS' INFORMATION DISCLOSURE
STATEMENT**

Serial Number: 10/632,419
Applicants: James M. Tour et al.
Filing Date: August 1, 2003
Group: 1713
Atty. Docket Number: 11321-P022WUD1

Reference Designation

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
SH AAA	5,547,748	08/20/1996	Ruoff et al.	428	323	
ABA						
ACA						

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
ADA						
AEA						
AFA						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
SH	AGA AIHARA, "Lack of Superaromaticity in Carbon Nanotubes," <i>Journal of Physics Chem.</i> , Volume 98, pp. 9773-9776 (1994).
—	AHA ALLONGUE et al., "Covalent Modification of Carbon Surfaces by Aryl Radicals Generated from the Electrochemical Reduction of Diazonium Salts," <i>J. Am. Chem. Soc.</i> , Volume 119, pp. 201-207 (1997).
—	AIA CHEN et al., "Solution Properties of Single-Walled Carbon Nanotubes," <i>Science</i> , Volume 282, pp. 95-98 (October 2, 1998).
—	AJA CHEN et al., "Room-temperature negative differential resistance in nanoscale molecular junctions," <i>Applied Physics Letters</i> , Volume 77, Number 8, pp. 1224-1226 (August 21, 2000).
—	AKA CHEN et al., "Chemical attachment of organic functional groups to single-walled carbon nanotube material," <i>Journal of Materials Research</i> , Volume 13, Number 9, pp. 2423-2431 (September 1998).
—	ALA CUI et al., "Functional Nanoscale Electronic Devices Assembled Using Silicon Nanowire Building Blocks," <i>Science</i> , Volume 291, pp. 851-853 (February 2, 2001).
—	AMA DELAMAR et al., "Modification of Carbon Fiber Surfaces by Electrochemical Reduction of Aryl Diazonium Salts: Application to Carbon Epoxy Composites," <i>Carbon</i> , Volume 35, Number 6, pp. 801-807 (1997).
—	ANA DELAMAR et al., "Covalent Modification of Carbon Surfaces by Grafting of Functionalized Aryl Radicals Produced from Electrochemical Reduction of Diazonium Salts," <i>J. Am. Chem. Soc.</i> , Volume 114, pp. 5883-5884 (1992).
—	AOA EBBESEN et al., "Carbon Nanotubes," <i>Annual Review of Materials Science</i> , Volume 24, pp. 235-264 (1994).
—	APA EBBESEN et al., "Large-Scale Synthesis of Carbon Nanotubes," <i>Nature</i> , Volume 358, pp. 220 (July 16, 1992).
—	AQA FUHRER et al., "Crossed Nanotube Junctions," <i>Science</i> , Volume 288, pp. 494-497 (April 21, 2000).
—	ARA HUANG et al., "Directed Assembly of One-Dimensional Nanostructures into Functional Networks," <i>Science</i> , Volume 291, pp. 630-633, (January 26, 2001).
—	ASA IJIMA et al., "Helical microtubules of graphitic carbon," <i>Nature</i> , Volume 354, pp. 56-58 (November 7, 1991).
—	ATA JOST et al., "Diameter grouping in bulk samples of single-walled carbon nanotubes from optical absorption spectroscopy," <i>Applied Physics Letters</i> , Volume 75, Number 15, pp. 2217-2219 (October 11, 1999).
—	AUA KOSYNKIN et al., "Phenylene Ethynylene Diazonium Salts as Potential Self-Assembling Molecular Devices," <i>Organic Letters</i> , Volume 3, Number 7, pp. 1993-995 (2001).

SH	AVA	LI et al., "Temperature dependence of the Raman spectra of single-wall carbon nanotubes," <i>Applied Physics Letters</i> , Volume 76, Number 15, pp. 2053-2055 (April 10, 2000).
	AWA	LIANG et al., "Electronic Structures and Optical Properties of Open and Capped Carbon Nanotubes," <i>J. Am. Chem. Soc.</i> , Volume 122, pp. 11129-11137 (2000).
	AXA	LIU et al., "Fullerene Pipes," <i>Science</i> , Volume 280, pp. 1253-1256 (May 22, 1998).
	AYA	NIKOLAEV et al., "Gas-phase catalytic growth of single-walled carbon nanotubes from carbon monoxide," <i>Chemical Physics Letters</i> , Volume 313, pp. 91-97 (November 5, 1999).
	AZA	OBUSHAK et al., "Arenediazonium Tetrachlorocuprates (II). Modification of the Meerwein and Sandmeyer Reactions," <i>Tetrahedron Letters</i> , Volume 39, pp. 9567-9570 (1998).
	BAB	ORTIZ et al., "Electrochemical modification of a carbon electrode using aromatic diazonium salts. 2. Electrochemistry of 4-nitrophenyl modified glassy carbon electrodes in aqueous media," <i>Journal Electroanalytical Chemistry</i> , Volume 455, pp. 75-81 (1998).
	BBB	RAO et al., "Functionalised carbon nanotubes from solutions," <i>Chem. Commun.</i> , pp. 1525-1526 (1996).
	BCB	RAO et al., "Diameter-Selective Raman Scattering from Vibrational Modes in Carbon Nanotubes," <i>Science</i> , Volume 275, pp. 187-191 (January 10, 1997).
	BDB	RICHTER et al., "Theory of Size-Dependent Resonance Raman Scattering from Carbon Nanotubes," <i>Physical Review Letters</i> , Volume 79, Number 14, pp. 2738-2740 (October 6, 1997).
	BEB	SABY et al., "Electrochemical Modification of Glassy Carbon Electrode Using Aromatic Diazonium Salts. 1. Blocking Effect of 4-Nitrophenyl and 4-Carboxyphenyl Groups," <i>Langmuir</i> , Volume 13, pp. 6805-6813 (1997).
	BFB	WONG et al., "Covalently functionalized nanotubes as nanometre-sized probes in chemistry and biology," <i>Nature</i> , Volume 394, pp. 55-58 (1998).
↓	BGB	WU et al., "Finite size effects in carbon nanotubes," <i>Applied Physics Letters</i> , Volume 77, Number 16, pp. 2554-2556 (October 16, 2000).

Examiner: /Stuart Hendrickson/ (10/11/2006) Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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